



Remote Sensing Applications Division (RSAD)

CDR Program Office

Weekly Report for Nov 8, 2013
Ed Kearns, Acting Chief



CDR Program Office

NPP/JPSS Climate Raw Data Records (C-RDRs) Project

Weekly Report – November 8, 2013

VIIRS

①

- Completed code for C-RDR.

②

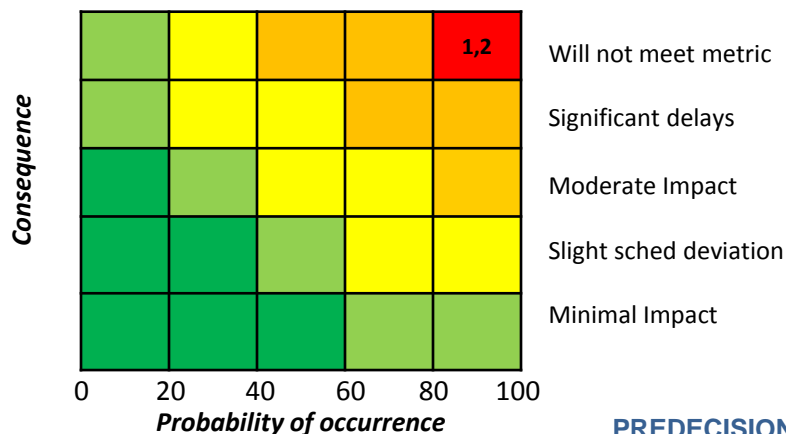
System Infrastructure

- Integrating with the VIIRS C-RDR.
- VIIRS C-RDRs are operational and accessible via HAS.
- C-RDR collection level metadata updated. Available on Climate.gov and through DOI.org.
- Working to generate supporting data files.
- Presented product to the UESB.
- Completed build of C-RDR on the TEST container.
- Evaluating JPSS support data Change Requests and their effects.
- C-RDR is first product moving to three tier environment.
- Initial verification of SDR from C-RDR compared successfully.
- VIIRS Product Specification is ITAR approved.
- C-RDR access via HAS (two years of tapes for HDSS).
- Integrating: Ingest data from CLASS and producing C-RDRs.
- Will deliver initial version with ADL 3.1.

C-RDR Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY
Milestones							▲		▲								
Finalize Code																	
TEST																	
Dry Runs																	
SAT																	
OPERATIONS																	
Prepare OPS																	
Operations																	
Write SOP																	
Write OAD																	
CR: Support Data																	
CR: Reprocess																	

R2O PHASE: ANALYSIS DESIGN DEVELOPMENT INTEGRATION TEST OPERATIONAL

Risk Matrix



Risk and Mitigation

VIIRS, CrIS, ATMS –

- Resources are being reduced. Delivery of CrIS and ATMS will be delayed.
- Operational software is under maintenance, updated versions may affect C-RDR ported version.

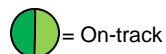
System Infrastructure –

Reliability of NPP RDRs from CLASS. Need to test ingest of RDRs from CLASS and develop an automated mechanism for re-requesting data.

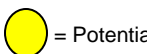
Reliability of Blade Center administration support. ITB admin position remains unfilled. ITB is working to fill the position.

PREDECISIONAL DRAFT INFORMATION

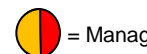
11/13/2013



= On-track



= Potential management action required



= Management attention required



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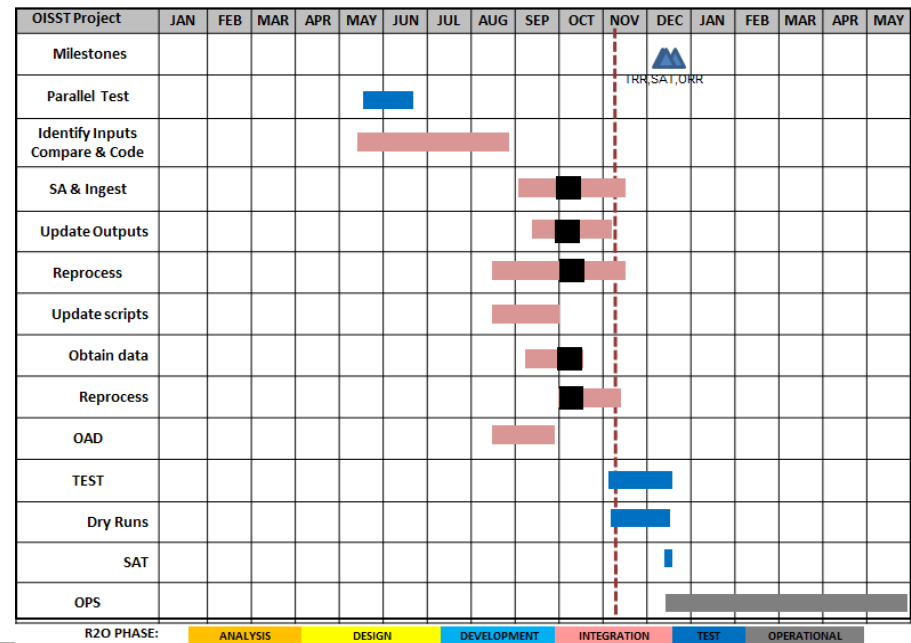
OISST Research to Operations Project

Weekly Report – November 8, 2013

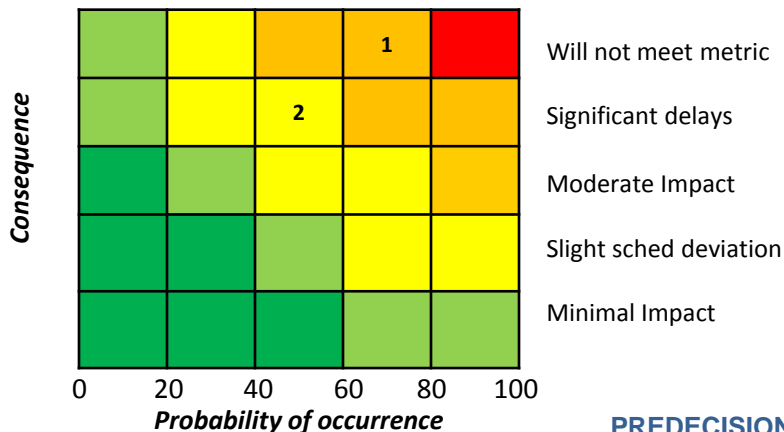
1 OISST – Optimum Interpolated Sea Surface Temperature

- Working on script and read routines for reprocessing.
- Need to rebase line schedule for Shutdown and loss of an employee (Jarrett).
- Successfully completed 30 day parallel test.
- Comparing NCDC GTS with NCEP ship/buoy data for use. GCAD is resolving issues but requires new operational code.
- AVHRR data for the 15 day delay product is available from CLASS.
- Running test data and code on Rainband for parallel test.
- GSTWG discussing inputs and production of preliminary OISST.
- Created a SOP for operational OISST.
- Completed refactoring of each component.
- Conducted Technology Assessment Review July 25.

Operations:



Risk Matrix

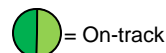


Risk and Mitigation

- 1 Transition to archived inputs for 15 day delay (final) product requires scientific comparison. Schedule depends on successful comparison for transition implementation. Will make an assessment of best way forward after initial comparisons. Comparison completed and inputs selected.
- 2 ITB support is required to move through the three tier environment.

PREDECISIONAL DRAFT INFORMATION

11/13/2013



= On-track = Potential management action required = Management attention required